

Abstract

An atomizer nozzle (1) for fuels, particularly for charging a chemical reformer for obtaining hydrogen, features a nozzle body (2), having spray-discharge orifices (3) discharging into a metering space, and at least one metering aperture (6). The spray-discharge orifices (3) are situated with a radial directional component with respect to a center axis (10) of the nozzle body (2) at elevation levels (4), each elevation level (4) having at least one spray-discharge orifice (3). At least one nozzle body insert (5), having at least one flow-through opening (11), is situated in the nozzle body (2) in front of the first elevation step (4.1) in the direction of fuel flow (8) and/or between the elevation steps (4).

(Fig. 1)